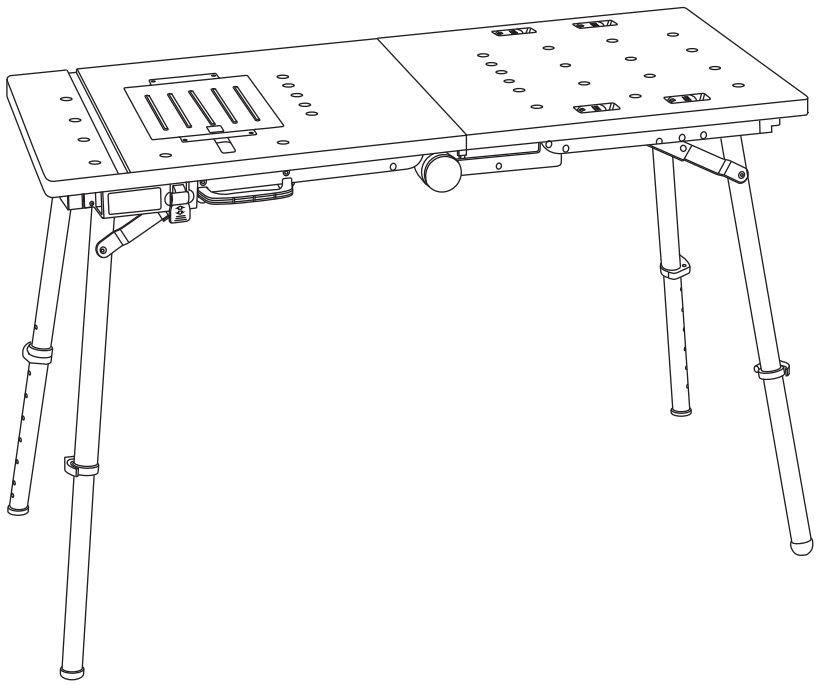
IMPORTANT: Read Before Using	IMPORTANT : Lire avant usage	IMPORTANTE: Leer antes de usar

Operating/Safety Instructions
Consignes de fonctionnement/sécurité
Instrucciones de funcionamiento y seguridad

3100



SKIL®

Call Toll Free for Consumer Information & Service Locations	Pour obtenir des informations et les adresses de nos centres de service après-vente, appelez ce numéro gratuit	Llame gratis para obtener información para el consumidor y ubicaciones de servicio

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For English Version See page 2	Version française Voir page 12	Versión en español Ver la página 12

General Safety Rules

⚠ WARNING "READ ALL INSTRUCTIONS" Failure to follow the safety rules listed below and other basic safety precautions may result in serious personal injury.

THINK SAFETY Safety is a combination of operator common sense and alertness at all times when the X-Bench is being used.

Work Area

KEEP CHILDREN AWAY
Do not let visitors contact tool or extension cord. All visitors should be kept away from work area.

KEEP WORK AREAS CLEAN
Cluttered areas and benches invite accidents.

MAKE WORKSHOP CHILD-PROOF
With padlocks, master switches.

AVOID DANGEROUS ENVIRONMENTS
Don't use power tools in damp or wet locations. Keep work area well lit. Do not expose power tools to rain. Do not use tool in presence of flammable liquids or gases.

Personal Safety

KNOW YOUR POWER TOOL
Read and understand the owner's manual and labels affixed to the tool. Learn its application and limitations as well as the specific potential hazards peculiar to this tool.

DON'T OVERREACH
Keep proper footing and balance at all times.

STAY ALERT
Watch what you are doing. Use common sense. Do not operate tool when you are tired. Do not operate while under medication or while using alcohol or other drug.

DRESS PROPERLY
To avoid being pulled into a blade, do not wear loose clothing, loose fitting gloves, necktie or jewelry. Tie back long hair or wear protective hair covering and roll long sleeves above the elbow. Rubber gloves and non-skid footwear are recommended when working outdoors.

USE SAFETY GOGGLES
Use safety goggles (head protection). Wear safety goggles (must comply with ANSI Standard Z87.1) at all times. Wear non-slip footwear and a hard hat, if appropriate. Also, use face or dust mask if cutting operation is dusty, and ear protectors (plugs or muffs) during extended periods of operation.

GUARD AGAINST ELECTRIC SHOCK
Prevent body contact with grounded surfaces. For example: pipes, radiators, ranges, refrigerator enclosures.

DISCONNECT TOOL FROM POWER SOURCE
When not in use, before servicing, when changing blades, bits, cutters, etc.

KEEP GUARDS IN PLACE
In working order, and in proper adjustment and alignment.

REMOVE ADJUSTING KEYS AND WRENCHES
When not in use, before servicing, when changing blades, bits, cutters, etc.

AVOID ACCIDENTAL STARTING
Make sure the switch is in the "OFF" ("O") position before plugging in tool.

NEVER STAND ON TOOL OR ITS STAND
Serious injury could occur if the tool is tipped or if the cutting tool is accidentally contacted. Do not store materials on or near the tool such that it is necessary to stand on the tool or its stand to reach them.

CHECK DAMAGED PARTS
Before further use of the tool, a guard or other part that is damaged should be carefully checked to ensure that it will operate properly and perform its intended function. Check for alignment of moving parts, mounting and any other conditions that may affect its operation. A guard or other part that is damaged should be properly replaced.

ALL REPAIRS, ELECTRICAL OR MECHANICAL, SHOULD BE ATTEMPTED ONLY BY TRAINED REPAIRMEN.
Contact the nearest Skil Factory Service Center, Authorized Service Station or other competent repair service.

USE ONLY SKIL REPLACEMENT PARTS;
Any others may create a hazard.

THE USE OF ANY OTHER ACCESSORIES NOT SPECIFIED IN THE CURRENT SKIL CATALOG MAY CREATE A HAZARD.

Tool Use

DON'T FORCE TOOL
It will do the job better and safer at the rate for which it was designed.

USE THE RIGHT TOOL
Don't force small tool or attachment to do the job of a heavy-duty tool. Don't use tool for purpose not intended — for example; don't use circular saw for cutting tree limbs or logs.

SECURE WORK
Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate the tool.

DIRECTION OF FEED
Feed work into a blade or cutter against the direction of rotation of the blade or cutter only.

NEVER LEAVE TOOL RUNNING UNATTENDED
Turn power off. Don't leave tool until it comes to a complete stop. Be aware of the location and setting of the switch "ON" position. Never leave the switch in the "ON" position. Be aware of switch location and know how to shut off the tool in emergency situations. Accidental start-ups could cause injury.

DON'T ABUSE THE CORD
Never use the cord to carry the tools or pull the plug from an outlet. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.

Tool Care

DO NOT ALTER OR MISUSE TOOL
These tools are precision built. Any alteration or modification not specified is misuse and may result in dangerous conditions.

AVOID GASEOUS AREAS
Do not operate electric tools in gaseous or explosive atmospheres. Motors in these tools normally spark, and may result in a dangerous condition.

MAINTAIN TOOLS WITH CARE
Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean and free from oil and grease.

CONNECTING THE TOOL
Before connecting the tool to a power source (receptacle, outlet, etc.), be sure voltage supplied is the same as that specified on the nameplate of the tool. A power source with voltage greater than that specified for the tool can result in serious injury to the user — as well as damage to the tool. If in doubt, DO NOT PLUG IN THE TOOL. Using a power source with voltage less than the nameplate rating is harmful to the motor.

⚠ WARNING **Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:**

• Lead from lead-based paints,

• Crystalline silica from bricks and cement and other masonry products, and

• Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

⚠ WARNING This product contains a chemical known to the State of California to cause cancer.

⚠ WARNING **Read all safety warnings and all instructions provided with the working stand and the power tool to be mounted.** Failure to follow the warnings and instructions may result in electric shock, fire and /or serious injury.

Save all warnings and instructions for future reference.

The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless_) power tool.

Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments or changing accessories. Accidental starting of the power tool is a cause of some accidents.

Properly assemble the working stand before the mounting the tool. Proper assembly is important to prevent risk of collapse.

Securely fasten the power tool the working stand before use. Power tool shifting on the working stand can cause loss of control.

Place the working stand on a solid, flat and level surface. When the working stand can shift or rock, the power tool or work piece cannot be steadily and safely controlled.

Do not overload the working stand or use as ladder or scaffolding. Overloading or standing on the working stand cause the stand to be “top-heavy” and likely to tip over.
Use only Skil replacement parts. Any others may create a hazard.

Specific Safety Instructions for X-Bench

Read and understand all instructions for use of X-Bench and insert plates with tools. Failure to follow all instructions listed below may result in serious personal injury.

Use only with Skil accessory insert plates (jig saw, drill press, belt sander and router).

The stamped rails or clamps may have sharp edges. Be careful in handling the bench to prevent being cut.

Fully assemble and tighten all the fasteners required for this stand. Also remember to occasionally check the stand and make sure it is still tight. A loose stand is unstable and may shift in use and cause serious injury.

Turn tool switch and table switch control off and disconnect power before mounting tools to the stand. Unintended startup during assembly can cause injury.

Know how to shut off the power to the tool in an emergency. Position yourself such that you can reach the switch control box while using the cut channel or the tool attachments.

Before operating make sure the entire unit is placed on a solid, flat, level surface. Serious injury could occur if tool is unstable and tips.

Never stand on table or use as ladder or scaffolding. Serious injury could occur if the table is tipped or the cutting tool is accidentally contacted. Do not store materials on or near the table such that it is necessary to stand on the table to reach them.

Do not load with more than 250 lbs. This table when fully set and clamps are tightened is maximum rated to 250 lbs. Table could collapse under additional loads.

Do not use as storage shelf. This table is not intended to be a storage shelf.

Do not store X-Bench in damp locations. Use only in dry locations. Humidity will cause the table top to distort or the locks to become loose.

Use only Skil replacement parts. Any others may create a hazard.

Don’t use with work pieces that cannot be properly secured to the X-Bench, or that covers the table so you cannot access accessory control box switch. Oversized work pieces may cause instability while cutting and you may not be able to shut off the power in an emergency.

Insure wood/workpiece is properly positioned before cutting. Incorrectly positioned workpiece may cause you to inadvertently cut into the X-Bench top, clamps or frame.

X-Bench Accessory Control Box

Accessory Control Box

Only use the accessory control box for power tools designed for use with accessory insert plates and suggested power tools in this manual.

It is intended to be the mains switch for benchtop applications if your Skil power tool is used in the insert plate.

It is also intended as a convenience outlet for use with your Skil Circular Saw and Miter Saw.

Accessory Switch

The accessory control box has an accessory On/Off switch with lock off key. Be aware of your position while using the X-Bench for fast emergency shut off power. Remove lock off key to disable switch when not in use.

Double Insulated Tools

Double Insulation ⧈ is a design concept used in electric power tools which eliminates the need for the three wire grounded power cord and grounded power supply system. It is a recognized and approved system by Underwriter's Laboratories, CSA and Federal OSHA authorities.

IMPORTANT: Servicing of a tool with double insulation requires care and knowledge of the system and should be performed only by a qualified service technician.

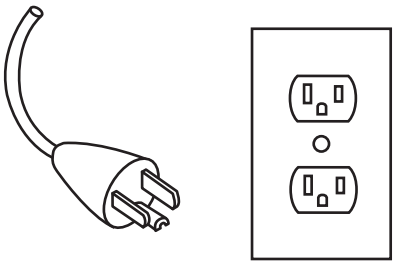
WHEN SERVICING, USE ONLY IDENTICAL REPLACEMENT PARTS.

POLARIZED PLUGS. If your tool is equipped with a polarized plug (one blade is wider than the other), this plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. To reduce the risk of electric shock, do not change the plug in any way.

Grounded Tools

Grounded tools must be plugged into an outlet properly installed and grounded in accordance with all codes and ordinances. Never remove the grounding prong or modify the plug in any way. Do not use any adaptor plugs. Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded.

If the tools should electrically malfunction or break down, grounding provides a low resistance path to carry electricity away from the user. Improper grounding can shock, burn or electrocute. Grounded tools are equipped with three conductor cord and three prong type plugs. Before plugging in the tool be certain the outlet voltage supplied is within the voltage marked on the nameplate. Do not use "AC only" rated tools with a DC power supply.



Extension Cords

⚠ WARNING Replace damaged cords immediately. Use of damaged cords can shock, burn or electrocute.

⚠ WARNING Always use proper extension cord. If an extension cord is necessary, a cord with adequate size conductors should be used to prevent excessive voltage drop, loss of power or overheating. The table shows the correct size to use, depending on cord length and nameplate amperage rating of tool. If in doubt, use the next heavier gauge. Always use U.L. and CSA listed extension cords.

NOTE: The smaller the gauge number, the heavier the cord.

RECOMMENDED SIZES OF EXTENSION CORDS
120 VOLT ALTERNATING CURRENT TOOLS

Tool's Ampere Rating	Cord Size in A.W.G.				Wire Sizes in mm²			
	Cord Length in Feet				Cord Length in Meters			
	25	50	100	150	15	30	60	120
3-6	18	16	16	14	.75	.75	1.5	2.5
6-8	18	16	14	12	.75	1.0	2.5	4.0
8-10	18	16	14	12	.75	1.0	2.5	4.0
10-12	16	16	14	12	1.0	2.5	4.0	—
12-16	14	12	—	—	—	—	—	—

"SAVE THESE INSTRUCTIONS!"

Using Your X-Bench Work Station – No Assembly Required

1. Opening the X-Bench

a. The X-Bench comes in the folded position and no assembly is required. In order to open the X-Bench, the user must pull and twist the main knob, located by the handle, to the open position (Fig. 1a).

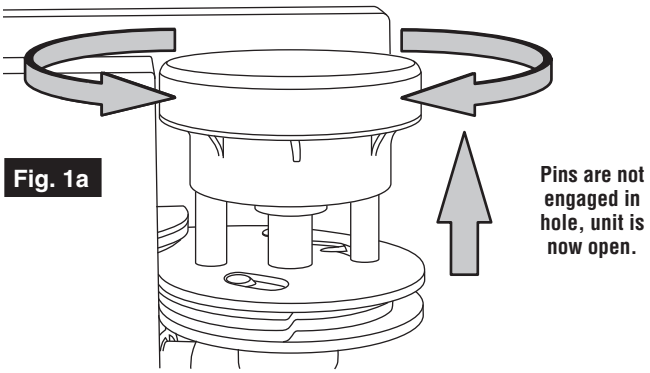
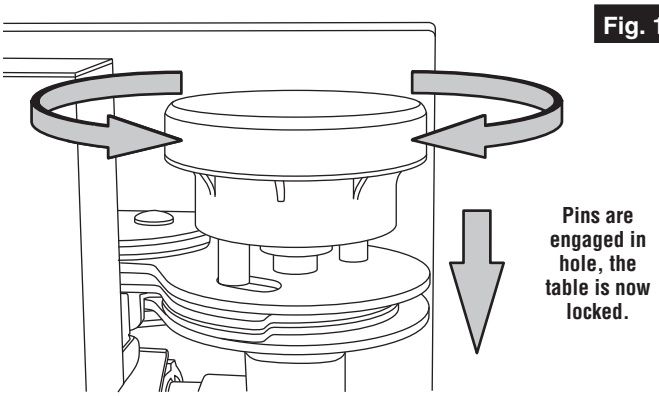


Fig. 1a

b. After the table has been opened, the knob must be turned back into the locked position before extending the legs or placing the table upright. To lock the table in place, twist the main knob back into the closed position. Once the main knob is in the closed position, the user can now safely extend the legs and then place the table upright.

⚠ WARNING **Table lock must be in the locked position,** the bench may collapse in use if not fully locked. (Fig. 1b).

Fig. 1b



2. Extending the Legs

a. Once the table is opened and the main knob is in the locked position, the user can now extend the legs of the work station. While the table is on its side or inverted, extend the legs completely and make sure the leg braces are straightened and locked. The pin will lock in place to ensure that the leg brace is fully secured (Fig. 2).

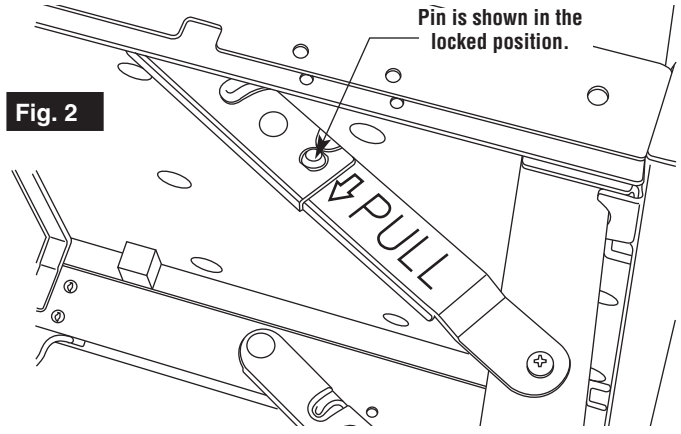


Fig. 2

3. Adjusting Leg Height

a. With the table still on its side or inverted, the user can adjust the table height to his/her preference. In order to adjust the table height the user must:

b. Fully open the leg locking lever. By positioning the lever in the open position (Fig. 3), it will allow the user to adjust the leg to a desired height marked on the leg. After the leg is positioned at a desired height, the user must close the lever locking mechanism to half way and allow the pin to snap into the lock position. You can visually make sure the pin is depressed correctly and ensure the leg cannot slide at this point. (Fig. 4).

If the pin is not depressed into the hole, the leg clamp will be very difficult to close. Damage may occur to the leg clamp if too much force is applied without the pin being in the correct location.

⚠ WARNING **Each leg lock pin must be fully engaged and clamped fully closed before use.** Table may collapse if leg locks are not secure..

Fig. 3

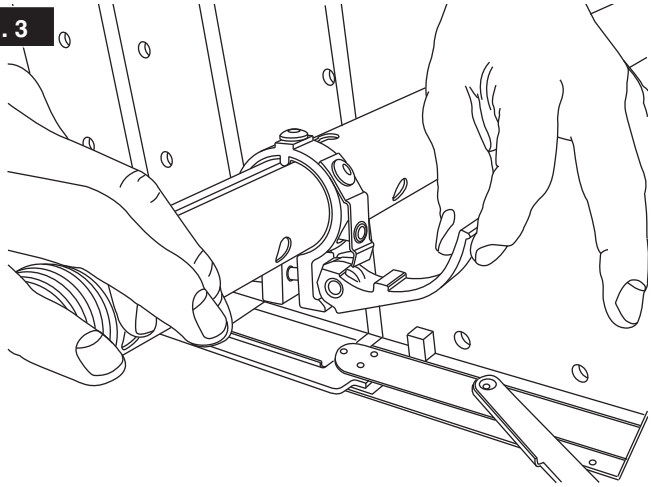
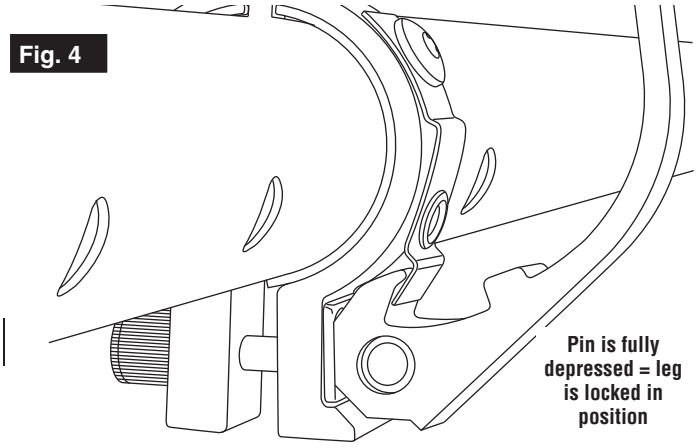


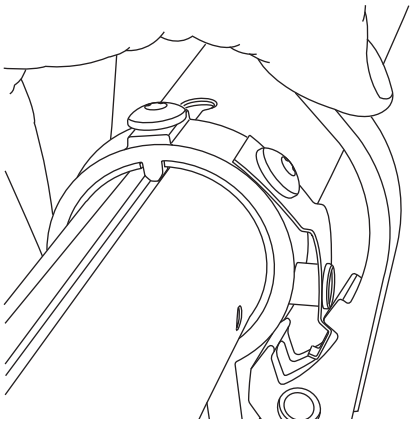
Fig. 4



⚠ WARNING **Table must be level and stable for use.** If the lever does not close completely or is difficult to depress, this means the pin is not in the correct location. You MUST adjust the leg to position the pin into the correct height marking (Fig. 5). Close the clamp fully with pin in hole before use. Table must be level and stable for use.

c. Once the user sets one leg at the desired height, follow the same steps for the remaining three legs.

Fig. 5



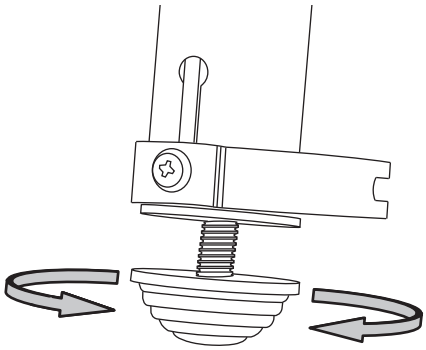
Pin is not depressed = leg is not secured in locked position

4. Adjustable Foot – for Leveling Bench

a. If you are working in an area that is not level, we have provided a solution. We have an adjustable foot that will extend 1.75" inches to level your bench (Fig. 6).

⚠ WARNING **Before operating make sure the entire unit is placed on a solid, flat, level surface.** Serious injury could occur if tool is unstable and tips.

Fig. 6



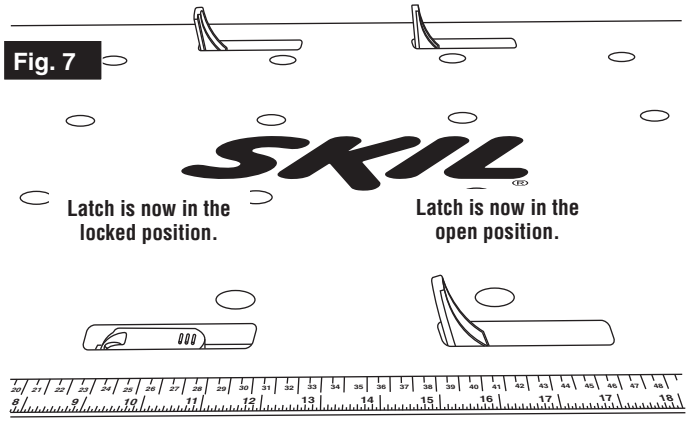
5. Opening the Cut Channel

⚠ WARNING **Cut channel must be fully open for sawing.**

a. To open your cut channel there are four latches you need to open first.

b. Unlock the four latches by pulling them upward and extend the table outward (Fig. 7).

Fig. 7

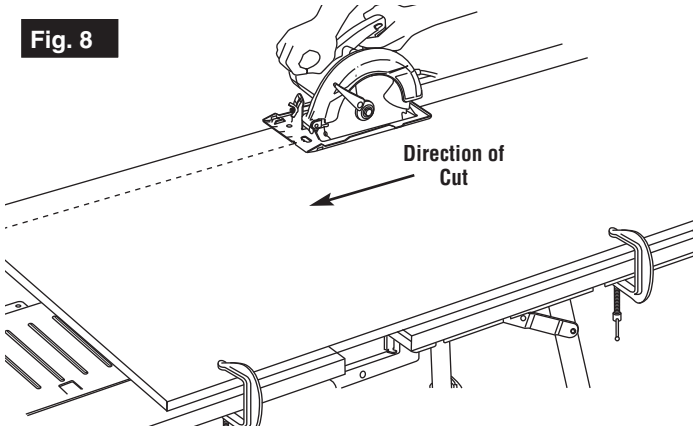


⚠ WARNING **Do not use the dog holes to pull the table outward. Once the table is extended, the latches MUST be locked in order to use the cut channel correctly.** Failure to lock the latches while the table is in the open position could cause the table top to move while cutting, which can result in misaligned cuts or personal injury.

⚠ WARNING **Use only with 7-1/4" or smaller circular saws.** Larger size saws may be able to cut thru brackets.

c. The cut channel is 2-3/4" deep and can be used with a maximum 7 -1/4" Circular Saw. The cutting channel can be used for cross cuts or rip cuts. The user must secure the work piece with the wedge dogs provided or other clamping devices (Fig. 8). Do not rip parallel to X-Bench dogs,.

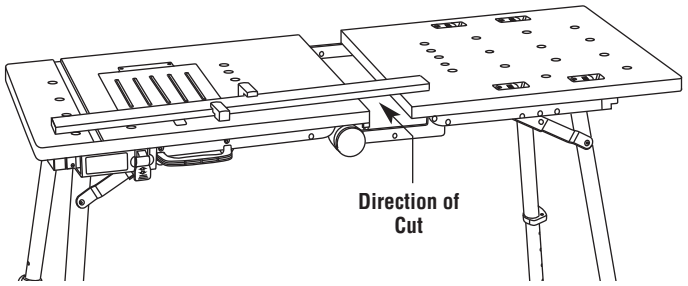
Fig. 8



6. Wedge Dogs

a. Dog holes are throughout the table top surface and are meant to hold work pieces in place while cutting (Fig. 9). Two wedge dogs come with the X-Bench. These dogs are made specifically for the X-Bench. Note feed direction while cutting in wedge dog position. Blank insert plate must be in table top during top applications. **See reference guide figure 28 for hole pattern identification of wedge dogs.**

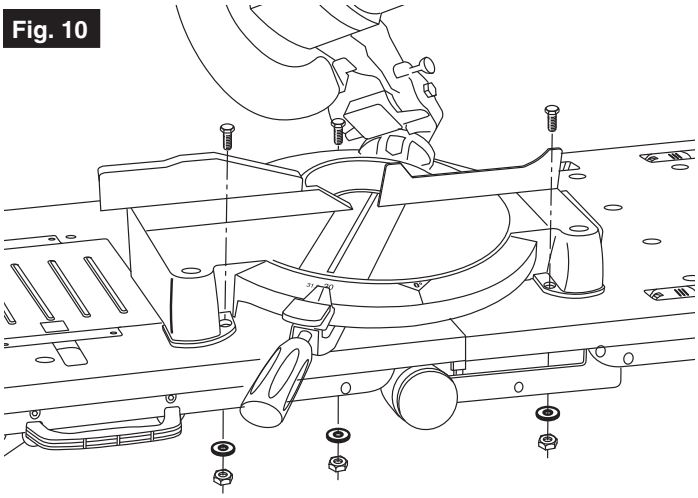
Fig. 9



7. Miter Saw Mounting

a. There are three mounting holes that support most miter saw dimensions (Fig. 10). If you use a miter saw on this table, we require you mount the miter saw to the X-Bench for safety. Note: close cut channel for miter saw use.

Fig. 10



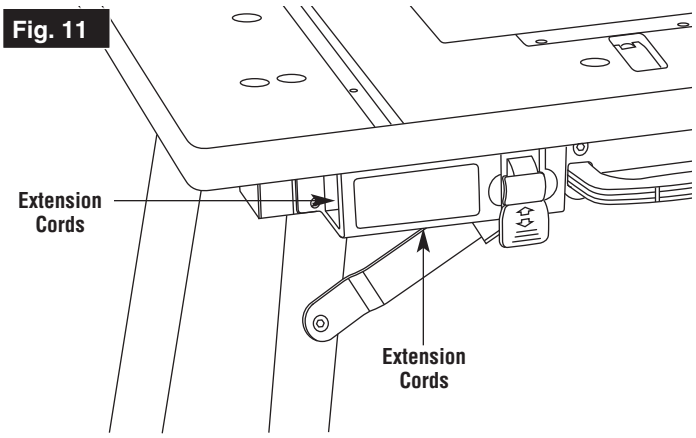
⚠ WARNING **Make sure X-Bench is not plugged in and main outlet is off.**

8. Power Switch

a. The female plug is located on the bottom of the switch and the male plug is located on the side of the switch box (Fig. 11). Connect the switch box to an electrical outlet by using an extension cord. Plug the desired tool into the female plug and turn the switch box for power on by raising the tab. Power is now activated to the tool that is plugged into the switch box.

b. To deactivate the power, the user can push the bump off switch located on the front of the switch box. When leaving the workstation it is recommended that the user removes the lock off key, to prevent unauthorized usage. (15 A maximum use for switch box.)

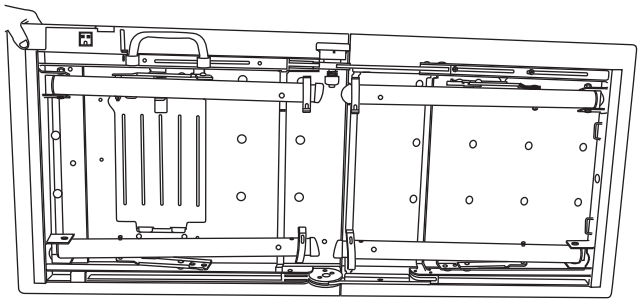
Fig. 11



9. Folding the Unit for Storage/Transportation

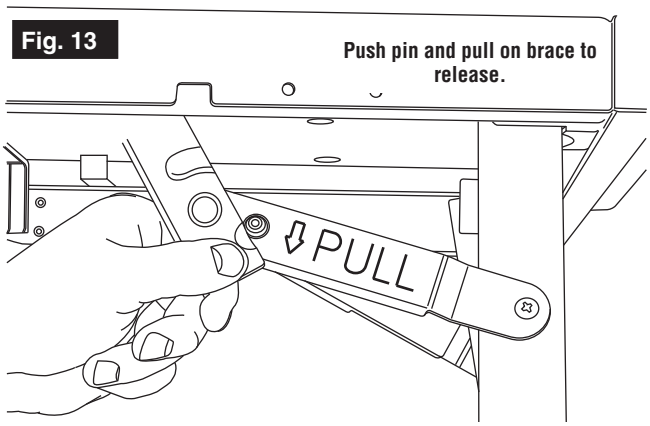
a. Position the table on its side or inverted and compress all four legs to the zero position (Fig. 12)

Fig. 12



b. To place the legs inside of the table, the user must press the lock-pin located in the middle of the leg brace and pull on the brace (Fig. 13).

Fig. 13



The brace and leg can now be folded into the table. Follow this step for each of the legs.

⚠ WARNING Keep hands clear of the pivot areas when folding the legs inward as this can cause pinching.

c. Once all the legs are inside the table, unlock the table by turning the main knob to keep unlocked. See Section **1a** for more details. While the table is unlocked, this will allow the user to fold the table in half.

⚠ WARNING **Keep hands and other body parts from folding area.** Pinch points may occur during this step.

d. Once the table is folded in half, the knob must be turned back to the locked position. See Section **1b** for more details. If this step is not done, the table can open while the user is carrying the product.

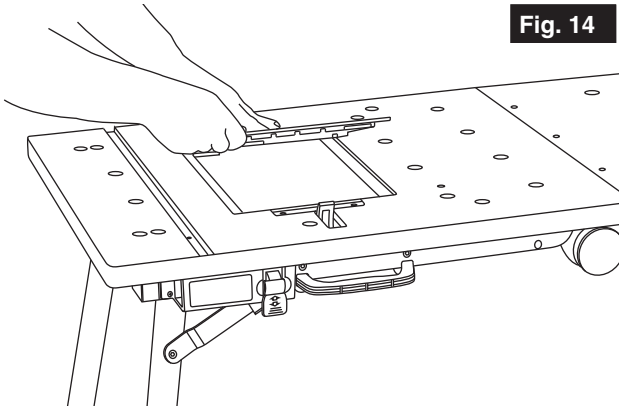
Accessory Installation

(Each Insert and Tool Sold separately)

10. Downdraft Table (Sold Separately)

a. Unlock the blank universal insert plate by releasing the latch in the front and remove the plate (Fig.14).

Fig. 14

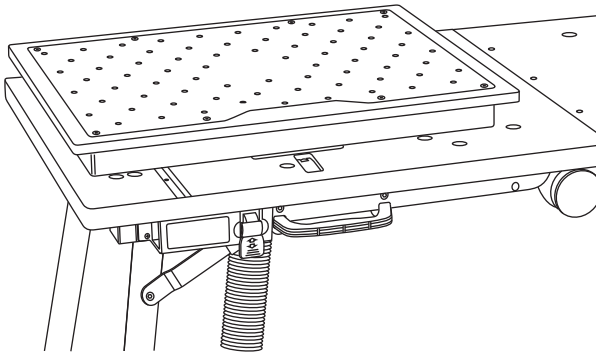


b. Place downdraft table over the opening by placing the back end into the open area first.

c. The downdraft table should be seated flush against the table (Fig. 15).

d. Lock the latch of the downdraft table. If the latch cannot be locked, the table is not seated correctly. Re-position and lock.

Fig. 15



11. Tail Vise (Sold Separately)
a. Locate the following parts:

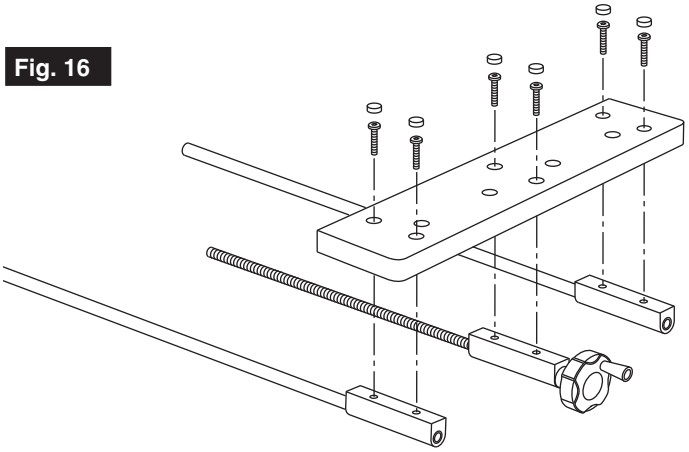
(1) Clamp block (MDF), (2) Guide rods, (1) Threaded rod, (6) Bolts and (6) Bolt covers.

b. Position clamp block (MDF) over guide rods, and threaded rod as shown in figure 16

c. Securely attach guide block to the rods with (6) washer and bolts provided (Fig. 16).

d. Place one bolt cover over each screw head making sure it's flush to the table (Fig. 16).

Fig. 16

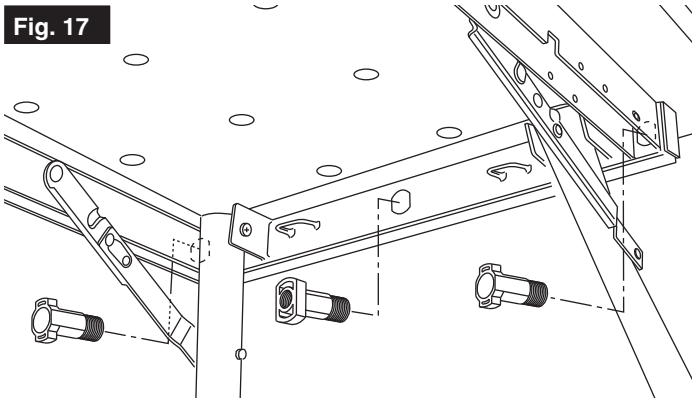


e. Locate the following parts:

(1) Threaded rod insert (2) Guide rod inserts, (3) Insert nuts, (2) Rod blocks, (4) Screws, (4) Nuts and (1) Pin.

f. Insert rod inserts from the backside of frame completely into the three holes provided (Fig. 17).

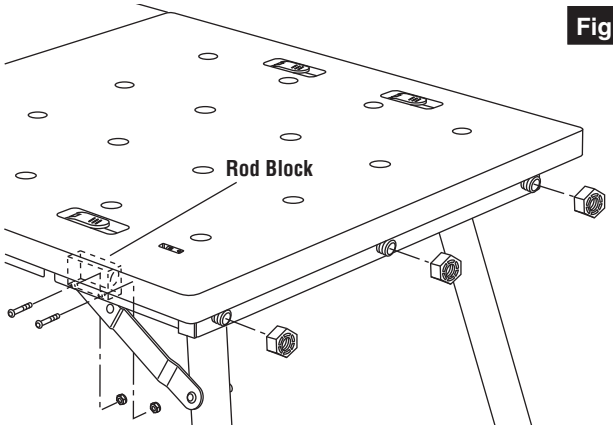
Fig. 17



g. Secure rod inserts to frame with the three large nuts provided from the front side of frame (Fig. 18).

⚠ CAUTION Make sure the orientations of the mating nuts are as indicated in the figures.

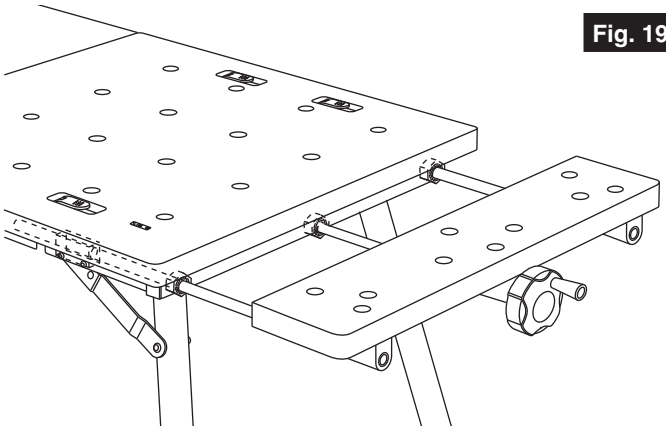
Fig. 18



h. Place the rod block from backside of frame as shown, insert two screws from the front side of frame into rod block and secure with two nuts from backside of frame. Repeat this procedure on other side of frame (Fig. 18).

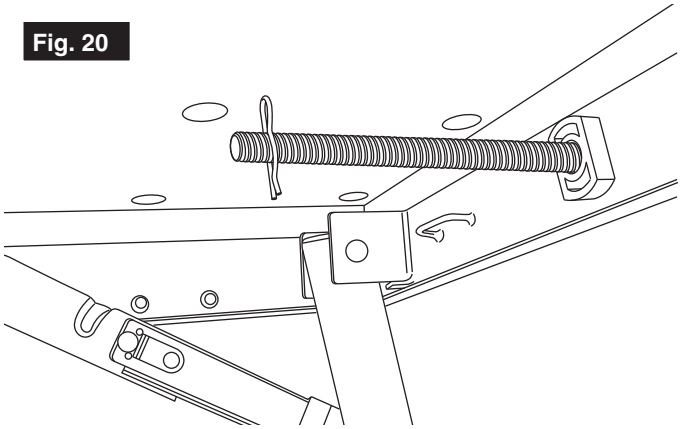
i. Insert guide rods and threaded rod into nuts and rod insert making sure guide rods go thru rod blocks on each side of frame while slowly threading rod with the knob into the frame like a vise (Fig. 19).

Fig. 19



j. Once the tail vise has been threaded into rod inserts, attach the pin provided onto the end of the threaded rod (Fig. 20).

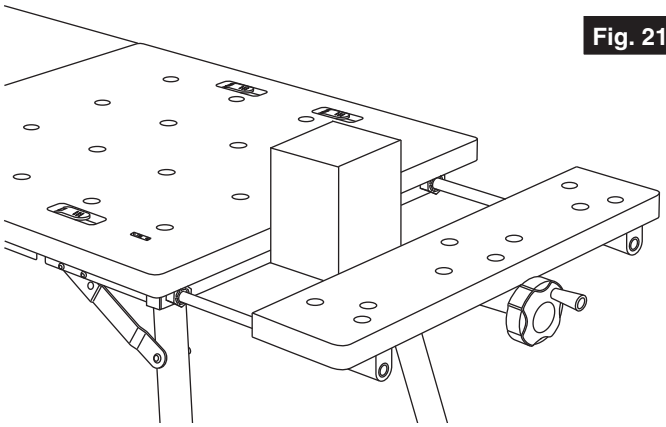
Fig. 20



k. Place the selected object between the tail vise and table edge and secure it by rotating the tail vise knob clockwise. Maximum weight load is 40lbs.

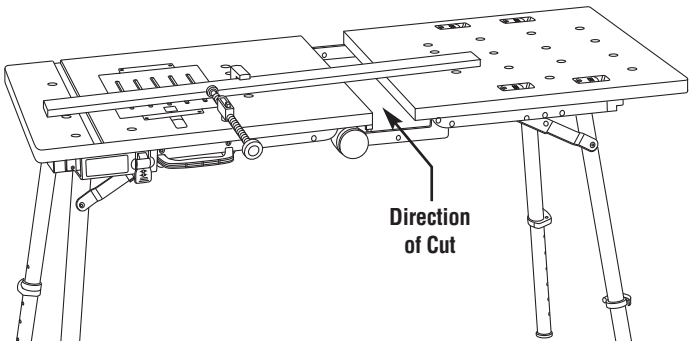
⚠ CAUTION When clamping small work pieces, the tail vise only works when the work piece is in the middle of the vise (Fig. 21).

Fig. 21



12. Clamping Kit (Sold Separately)
a. Dog hole clamps are placed in the dog holes to hold the work pieces in place during cutting (Fig. 22).

Fig. 22



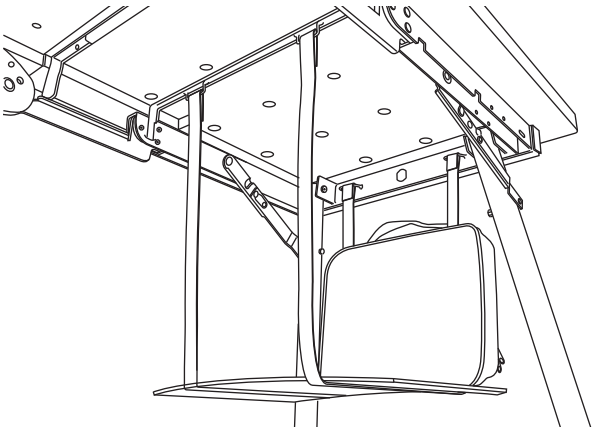
15. Shelf and Tool Bag (Sold Separately)
a. Shelf and tool bag come fully assembled.

b. There are four hooks under the work bench (Fig. 23.)

c. Attach the Velcro straps located on the shelf to the hooks under the table (Fig. 23).

Note: Unit can fold up with shelf and bag attached. Maximum weight load is 20lbs.

Fig. 23



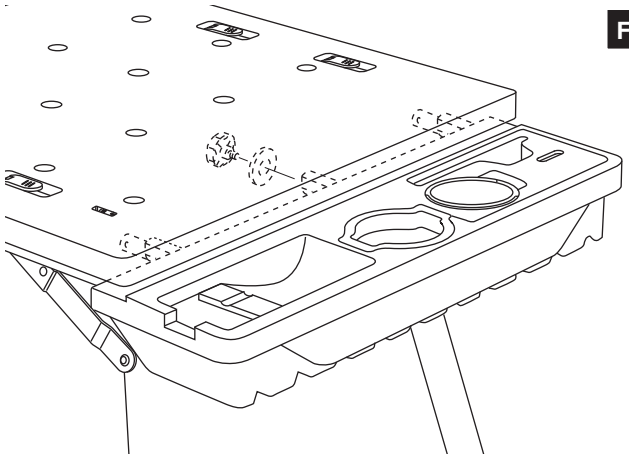
13. Finishing Tray (Sold Separately)
a. Locate the following parts:

(1) Knob, (1) Large washer, (2) U-brackets and (2) Screws.

Insert the tray into the three holes provided. From the back side of frame thread large washer and knob into the middle hole in tray until snug. (Fig. 24).

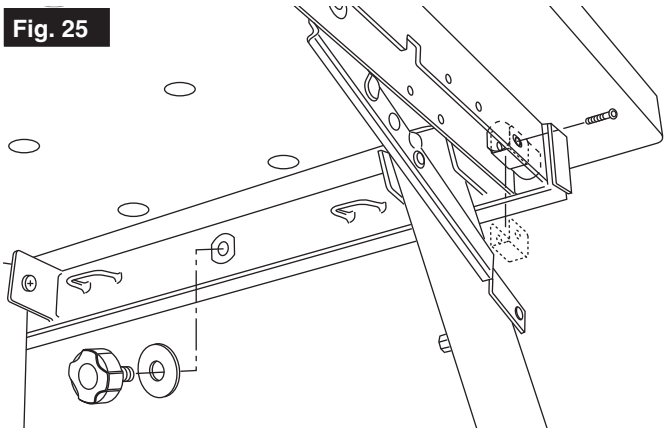
⚠ CAUTION Do not over tighten the knob as it may damage the plastic body.

Fig. 24



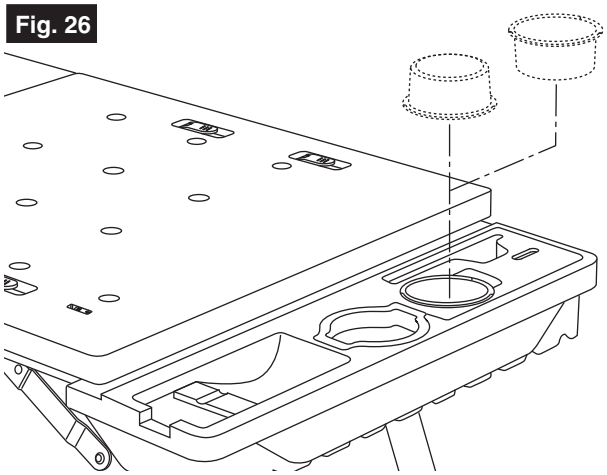
b. Secure both sides of tray using the (2) U-brackets and screws (Fig 25).

Fig. 25



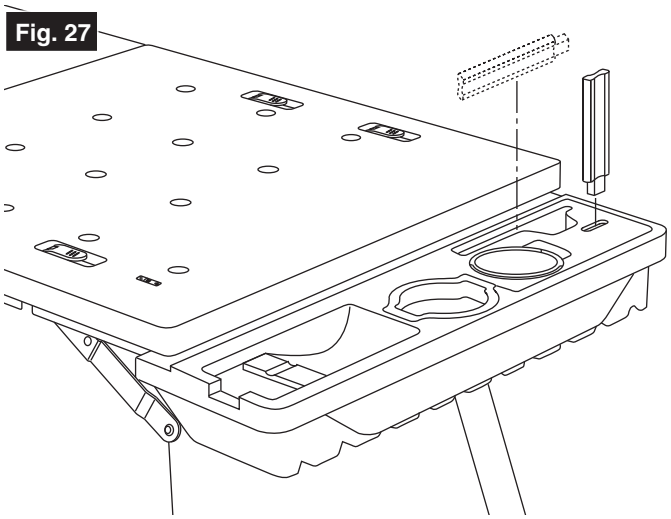
c. Remove the cup/tape dispenser by turning and matching the shape (Fig. 26).

Fig. 26



d. Remove and mount the paper towel dispenser into the vertical slot Fig. 27. Maximum weight load is 10lbs.

Fig. 27



14. Wedge Dog Supports:
a. Two wedge dog clamps are included with your X-Bench product. These wedge dogs are placed into the dog holes on the surface of the X-Bench to hold pieces of wood during cutting. The wedge dogs are capable of holding 1x and 2x material.

15. Universal Insert Plate:
a. A blank insert plate is provided with the X-Bench. This area is meant to be used only with the Skil insert plate technology which is sold separately. The insert plates which can be purchased separately are a jigsaw insert plate, sander insert plate, router insert plate and a drill press insert plate.

⚠ WARNING **Use only X-Bench inserts and dedicated tools.** Any others may cause loss of control and personal injury.

Maintaining Your X-Bench

Maintenance

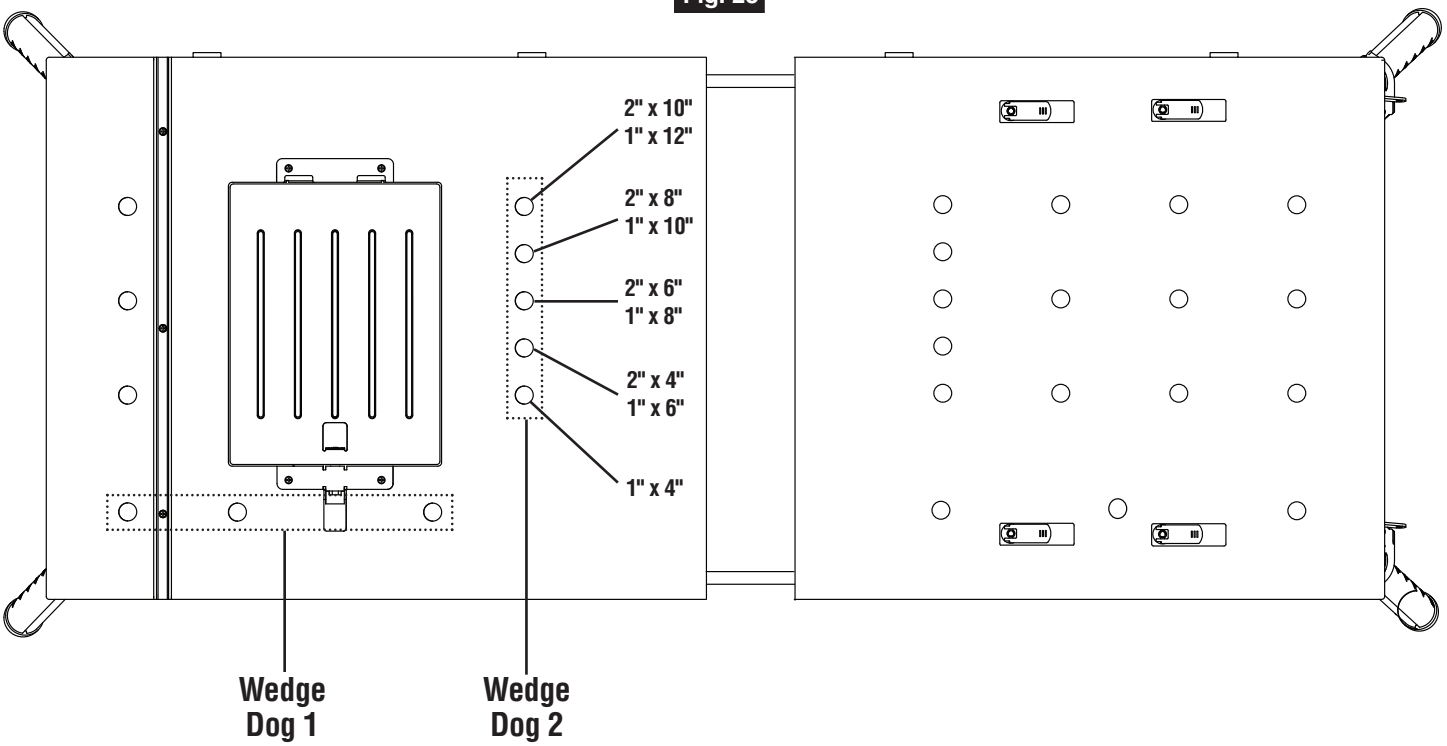
⚠ CAUTION **Certain cleaning agents and solvents can damage plastic parts.** Some of these are: gasoline, carbon tetrachloride, chlorinated cleaning solvents, ammonia and household detergents which contain ammonia. Avoiding use of these and other types of cleaning agents will minimize the possibility of damage.

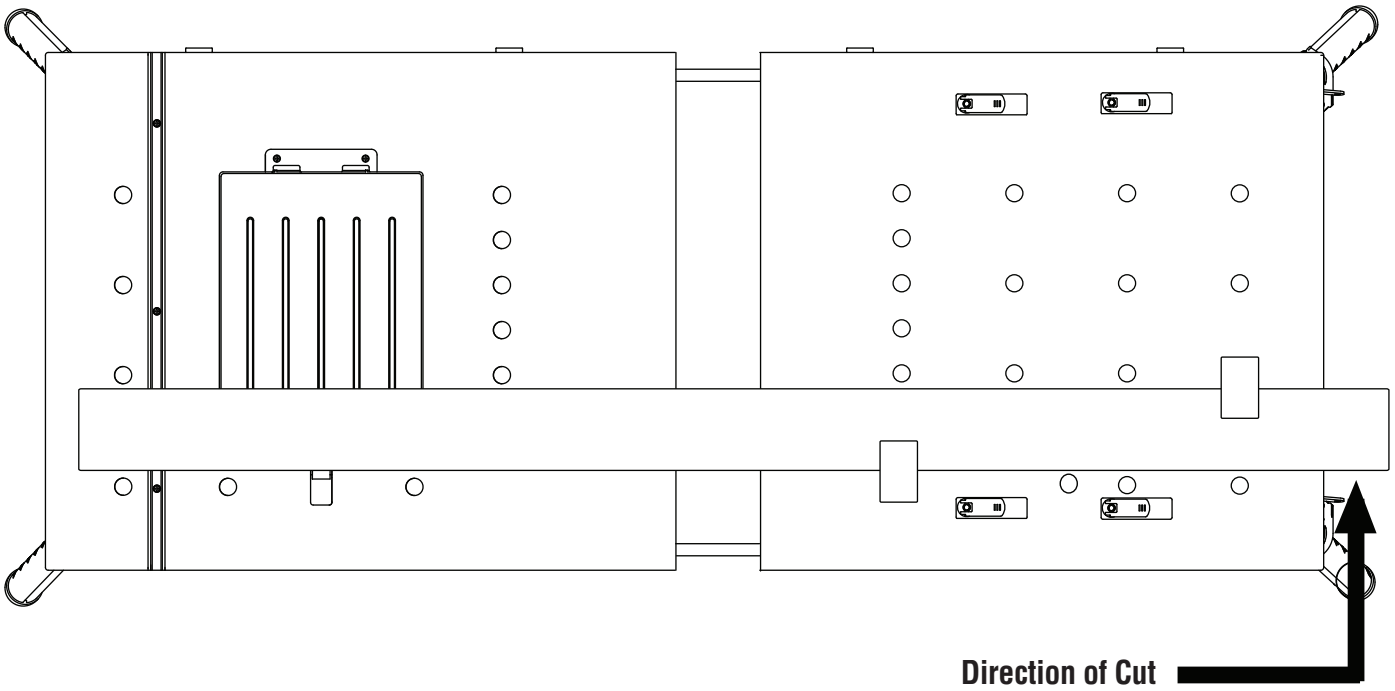
⚠ WARNING **All repairs, electrical or mechanical, should be attempted only by trained repairmen.** Contact the nearest Factory Service Center or Authorized Service Station or other competent repair service. Use only identical replacement parts, any other may create a hazard.

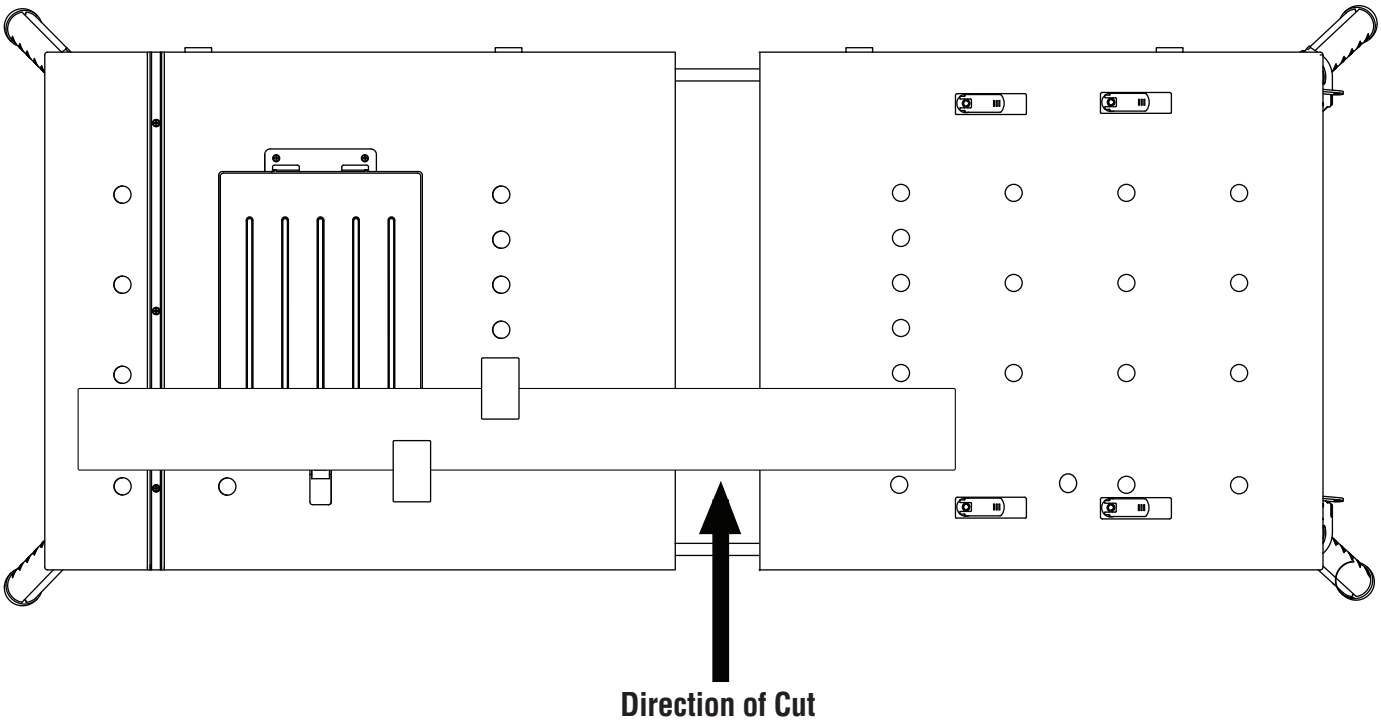
⚠ WARNING Never place dogs on opposite sides of cut channel. Support must be on one side of table.

Cutting Suggestions

Fig. 28




Direction of Cut


Direction of Cut